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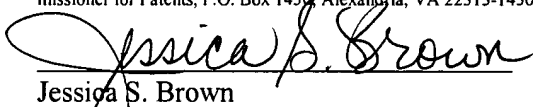
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## MCDERMOTT, WILL & EMERY

July 18, 2003

I hereby certify that this correspondence and identified enclosures are being deposited on July 18, 2003, with the U.S. Postal Service, "Express Mail Post Office to Address" service, No. EV313253117US, under 37 C.F.R. § 1.10, addressed to the Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Jessica S. Brown

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Client: Alfred E. Mann Institute for Biomedical Engineering at the University of Southern California  
Matter No. 064693-0074  
U.S. Patent Application  
Title: OPTIMIZATION OF EXCITATION WAVEFORM FOR NONLINEAR TRANSMIT-RECEIVE SYSTEMS  
Inventors: Vasilis Z. Marmarelis and Tae-Seong Kim

Subject: Transmitting Patent Application for Filing

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Dear Sir or Madam:

We enclose for filing the patent application of:

Inventor: Vasilis Z. Marmarelis and Tae-Seong Kim

For: OPTIMIZATION OF EXCITATION WAVEFORM FOR NONLINEAR TRANSMIT-RECEIVE SYSTEMS

This applicant claims Small Entity Status. See 37 C.F.R. 1.27.

The application includes:

- Cover + 17 pages of specification, claims, and abstract

- Seven (7) sheet(s) of drawings (Figures 1-8)

The filing fee has been calculated as shown below:

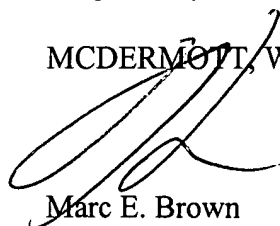
	NO. OF CLAIMS		EXTRA CLAIMS	Small Entity RATE	AMOUNT
Total Claims	31	-20	11	\$9.00	\$99.00
Independent Claims	4	-3	1	\$42.00	\$42.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$375.00
Total of Above Calculations					\$516.00
Total Fee					\$516.00

- ☒ Please charge my Deposit Account No. 501946 in the amount of \$516. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501946. A duplicate copy is enclosed.
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- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Please stamp the filing date on the enclosed postcard and return it to us.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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**Date: July 18, 2003**